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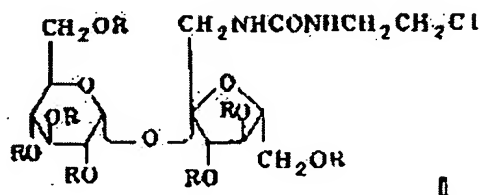
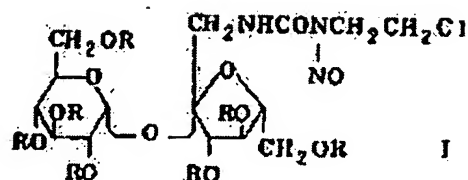
(54) SUCROSE NITROSOUREA DERIVATIVE

(57)Abstract:

NEW MATERIAL: A compound shown by the formula I

(R is H, or acyl).

EXAMPLE:



1'-[[[(2-Chloroethyl)nitrosoamino]carbonyl]amino]-1'-deoxysucrose.

USE: An antileukemia, and antitumor agent. Having extremely low side effect such as atrophica action on the spleen, etc.

PREPARATION: A sucrose ureido derivative shown by the formula II is reacted with

a nitrosating agent (e.g., alkali metal nitrite, nitrogen trioxide, etc.) in a solvent such as usually acetone, methanol, etc. preferably at  $-10\pm 30^{\circ}\text{C}$ .

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#### LEGAL STATUS

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